



2665
JP

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	09/660521
Filing Date	September 12, 2000
First Named Inventor	William S. Passman
Art Unit	2665
Examiner Name	M. U. Phan
Attorney Docket Number	BBNT-P01-057

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form (1 page)	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Supp. IDS FORM SB/08 (2 pages)
<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement (2 page)	<input type="checkbox"/> CD, Number of CD(s) _____	References A1-A38, and B1
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	Return Receipt Postcard
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	ROPES & GRAY LLP		
Signature			
Printed name	Edward A. Gordon		
Date	December 7, 2004	Reg. No.	54,130

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 12-7-04 Signature: Dawn Class (Dawn Class)



PTO/SB/17 (11-04)

Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL
for FY 2005**

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 180.00**Complete if Known**

Application Number	09/660521
Filing Date	September 12, 2000
First Named Inventor	William S. Passman
Examiner Name	M. U. Phan
Art Unit	2665
Attorney Docket No.	BBNT-P01-057

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order
☒ Deposit Account ☐ NoneDeposit
Account
Number

18-1945

Deposit
Account
Name

Ropes & Gray LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below
☐ Charge fee(s) indicated below, except for the filing fee
☒ Charge any additional fee(s) or any underpayment of fee(s)
under 37 CFR 1.16 and 1.17
☒ Credit any overpayments

To the above-identified deposit account.

☐ Other (please identify):**FEE CALCULATION** (continued)**2. EXTRA CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20	18	9
Each independent claim over 3	88	44
Multiple dependent claims	300	150
For Reissues, each claim over 20 and more than in the original patent	18	9
For Reissues, each independent claim more than in the original patent	88	44

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
--------------	--------------	----------	---------------

- 20 or HP = $\frac{\text{Total Claims}}{20}$ x Fee =
HP= highest number of total claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
---------------	--------------	----------	---------------

- 3 or HP = $\frac{\text{Indep. Claims}}{3}$ x Fee =

HP= highest number of independent claims paid for, if greater than 3

Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
---------------------------	----------	---------------

Subtotal (2) \$ 0.00

FEE CALCULATION**1. BASIC FILING FEE**

Fee Description	Fee (\$)	Small Entity Fee (\$)	Fee Paid (\$)
Utility Filing Fee	790	395	
Design Filing Fee	350	175	
Plant Filing Fee	550	275	
Reissue Filing Fee	790	395	
Provisional Filing Fee	160	80	
Subtotal (1) \$			0.00

3. OTHER FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)	Fee Paid
1-month extension of time	110	55	
2-month extension of time	430	215	
3-month extension of time	980	490	
4-month extension of time	1,530	765	
5-month extension of time	2,080	1,040	
Information disclosure stmt. Fee	180	180	180.00
37 CFR 1.17(q) processing fee	50	50	
Non-English specification	130	130	
Notice of Appeal	340	170	
Filing a brief in support of appeal	340	170	
Request for oral hearing	300	150	

Other:

Subtotal (3) \$ 180.00

SUBMITTED BY

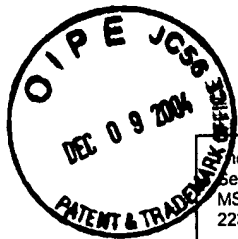
Signature		Registration No. (Attorney/Agent)	54,130	Telephone	(617) 951-7066
Name (Print/Type)	Edward A. Gordon	Date	December 7, 2004		

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 12-7-04

Signature:

(Dawn Class)



I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 12-7-04

Signature: Dawn Class

(Dawn Class)

Docket No.: BBNT-P01-057
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Passman et al.

Application No.: 09/660521

Confirmation No.: 6580

Filed: September 12, 2000

Art Unit: 2665

For: USING DIRECT CLUSTER MEMBER TO
CLUSTER MEMBER LINKS TO IMPROVE
PERFORMANCE IN MOBILE
COMMUNICATION SYSTEMS

Examiner: M. U. Phan

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Supplemental Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

A copy of each reference on the PTO/SB/08 is attached.

12/10/2004 NROCHA1 00000005 181945 09660521

01 FC:1806 180.00 DA



Application No.: 09/660521

Docket No.: BBNT-P01-057

Those documents which are marked with a double asterisk (**) next to the Cite No. in the attached form PTO/SB/08 were previously cited by or submitted to the Office in prior application numbers 09/513757, filed February 25, 2000; 09/584973, filed June 1, 2000; 09/624635, filed July 24, 2000; 09/660521, filed September 12, 2000; and 08/584492, filed January 11, 1996 and relied upon in this application for an earlier filing date under 35 U.S.C. 120. Office Actions may have issued in one or more of these applications.

In accordance with 37 CFR 1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Supplemental Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Supplemental Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Please charge our Deposit Account No. 18-1945, under Order No. BBNT-P01-057 in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. BBNT-P01-057.

Dated: December 7, 2004

Respectfully submitted,

By 

Edward A. Gordon

Registration No.: 54,130

ROPES & GRAY LLP

One International Place

Boston, Massachusetts 02110-2624

(617) 951-7000

(617) 951-7050 (Fax)

Attorneys/Agents For Applicant



Application No. (if known): 09/660521

Attorney Docket No.: BBNT-P01-057

Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on December 7, 2004
Date

Signature

Dawn Class

Typed or printed name of person signing Certificate

Registration Number, if applicable

(617) 951-7000
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

IDS Form SB/08 (2 pages)



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	09/660521
				Filing Date	September 12, 2000
				First Named Inventor	William S. Passman
				Art Unit	2665
				Examiner Name	M. U. Phan
Sheet	1	of	2	Attorney Docket Number	BBNT-P01-057

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	**A1	4,152,647	May-1979	Gladden et al.	
	**A2	4,284,848	Aug-1981	Frost	
	**A3	4,409,687	Oct-1983	Berti et al.	
	**A4	4,613,990	Sep-1986	Halpern	
	**A5	4,864,559	Sep-1989	Perlman	
	**A6	4,941,200	Jul-1991	Leslie et al.	
	**A7	4,999,833	Mar-1991	Lee	
	**A8	5,034,967	Jul-1991	Cox et al.	
	**A9	5,050,189	Sept-1991	Cox et al.	
	**A10	5,093,824	Mar-1992	Coan et al.	
	**A11	5,155,859	Oct-1992	Harris et al.	
	**A12	5,218,356	Jun-1993	Knapp	
	**A13	5,303,286	Apr-1994	Wiedeman	
	**A14	5,307,509	Apr-1994	Michalon et al.	
	**A15	5,361,399	Nov-1994	Linguist et al.	
	**A16	5,363,375	Nov-1994	Chuang et al.	
	**A17	5,371,734	Dec-1994	Fischer	
	**A18	5,491,837	Feb-1996	Jacobus Haartsen	
	**A19	5,497,368	Mar-1996	Reijnierse	
	**A20	5,551,056	Aug-1996	Koponen et al.	
	**A21	5,652,751	Jul-1997	Sharony	
	**A22	5,966,668	Oct-1999	Lindroth	
	**A23	6,026,077	Feb-2000	Iwata	
	**A24	6,046,978	Apr-2000	Melnik	
	**A25	6,049,720	Apr-2000	Rude	
	**A26	6,115,580	Sept-2000	Chuprun	
	**A27	6,205,117	Mar-2001	Doshi et al.	
	**A28	6,304,556	Oct-2001	Haas	
	**A29	6,304,745	Oct-2001	Monch	
	**A30	6,307,843	Oct-2001	Kazuhiro Okanoue	
	**A31	6,317,436	Nov-2001	Young et al.	
	**A32	6,349,091	Feb-2002	Chris Cho-Pin Li	
	**A33	6,430,150	Aug-2002	Azuma et al.	
	**A34	6,456,599	Sept-2002	Brig Barnum Elliott	
	**A35	6,512,935	Jan-2003	Jason Keith Redi	
	**A36	6,662,229	Dec-2003	Passman et al.	
	**A37	6,735,448	May-2004	Krishnamurthy et al.	
	**A38	6,744,740	Jun-2004	Priscilla Chen	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
	**B1	WO 94/29986	Dec-1994		



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	09/660521
				Filing Date	September 12, 2000
				First Named Inventor	William S. Passman
				Art Unit	2665
				Examiner Name	M. U. Phan
				Attorney Docket Number	BBNT-P01-057
Sheet	1	of	2		

--	--	--	--	--	--	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.